| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
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| App | lica | tion/ | Cont | rol | No. |
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Liang-che Alex Wang

10/675,084

Reexamination KARAOGUZ ET AL.

Applicant(s)/Patent under

Art Unit

Examiner

2155

Rejected **Allowed** 

(Through numeral)
Cancelled

Non-Elected N

**Appeal** 

Restricted

Interference

0 Objected

| Cir         | aim      | Date   |  |         |          | 7        | Claim    |                |           |           |          |                 |                |        | 7        | Claim Date      |          |          |          |             |            |  |          | <del></del>    |                 |          |                 |           |           |          |
|-------------|----------|--|--|---------|----------|----------|----------|----------------|-----------|-----------|----------|-----------------|----------------|--------|----------|-----------------|----------|----------|----------|-------------|------------|--|----------|----------------|-----------------|----------|-----------------|-----------|-----------|----------|
| - Ula       |          |  |  |         |          |          | $\dashv$ | Claim Date     |           |           |          |                 |                |        | 4        |                 | aimi     | ٠.,      |          | _           |            | Jate   | 7        |                |                 | $\dashv$ |                 |           |           |          |
| Final       | Original | 8/20/07  |  |         |          |          |          |                |           | Final     | Original |                 |                |        |          |                 |          |          |          | Final       | Original   |  |          |                |                 |          |                 |           |           |          |
|             | 1        | 1  |  | 1       | $\top$   | $\top$   |          |                |           |           | 51       | П               | T              |        | $\top$   |                 |          | _        | 1        |             | 101        | _  |          | _              | П               |          |                 |           | 一         | 一        |
| · · · · ·   | 2        | 1  |  | 1       | 1        | <b>—</b> |          |                | 7         |           | 52       | П               |                |        | 1        |                 |          |          | 1        |             | 102        |  |          |                |                 |          |                 | $\neg$    | $\dashv$  | $\dashv$ |
|             | 3        | 1  |  | $\top$  |          | 1        |          |                |           |           | 53       |                 |                |        |          |                 |          |          | 1        |             | 103        |  |          |                |                 |          |                 | $\exists$ | $\exists$ | $\neg$   |
|             | 4        | 1  |  |         |          |          |          |                |           |           | 54       |                 |                |        |          |                 |          |          | 7        |             | 104        | Г  |          |                |                 |          |                 | T         |           |          |
|             | 5        | ٧  |  |         |          |          |          |                |           |           | 55       |                 |                |        |          |                 |          |          | 7        |             | 105        |  |          |                |                 |          |                 |           |           | $\neg$   |
|             | 6        | 1  |  |         |          |          |          |                |           |           | 56       |                 |                |        |          |                 | Ī        |          | 7        |             | 106        |  |          |                |                 |          |                 |           |           | コ        |
|             | 7        | 1  |  |         | $\prod$  |          |          |                |           |           | 57       |                 |                |        |          |                 |          |          |          |             | 107        |  |          |                |                 |          |                 |           |           |          |
|             | 8        | V  |  |         |          |          |          |                |           |           | 58       |                 |                |        |          |                 |          |          |          |             | 108        |  |          |                |                 |          |                 |           |           |          |
|             | 9        | 1  |  |         |          |          |          |                |           |           | 59       |                 |                |        |          |                 |          |          |          |             | 109        |  |          |                |                 |          |                 |           | П         | $\neg$   |
|             | 10       | \ \  |  |         | <u> </u> |          |          |                |           |           | 60       |                 |                |        |          |                 |          |          |          |             | 110        |  |          |                |                 |          |                 |           | $\Box$    |          |
|             | 11       | √  |  |         | Ĺ        |          |          |                |           |           | 61       |                 |                |        |          |                 |          |          |          |             | 111        |  |          |                |                 |          |                 |           | $\Box$    |          |
|             | 12       | 1  |  |         |          | _        | Ш        |                | $\Box$    |           | 62       | Ш               |                |        | L        | L[              | [        |          |          |             | 112        |  |          |                |                 |          |                 | $\Box$    |           |          |
|             | 13       | 1  |  | Ĺ       | <u> </u> |          | $\Box$   |                | Ц         | L         | 63       |                 | $\perp \Gamma$ |        |          |                 |          |          | _        |             | 113        |  |          |                |                 |          |                 |           |           |          |
|             | 14       | 1  |  | 1       | <u> </u> | L        | $\sqcup$ |                | _         |           | 64       |                 |                |        | L        | Ш               | [        |          | _        |             | 114        |  |          |                |                 |          |                 | $\Box$    |           |          |
|             | 15       | √  | L  |         | 1        | _        |          |                | _         |           | 65       |                 |                |        |          |                 | _        |          | _        |             | 115        | <u> </u>   |          |                |                 |          |                 | Ш         |           |          |
| <u></u>     | 16       | 1  | $oxed{oxed}$                                     |         | _        | <u> </u> |          |                | _         | <u></u>   | 66       |                 | $\perp$        | _ _    |          |                 | _        |          | ╛        |             | 116        |  | Ш        |                |                 |          |                 | Ш         |           |          |
|             | 17       | 1  |  |         | 丄        | <u> </u> |          |                | _         |           | 67       | Ш               | $\perp$        |        | <u> </u> |                 | _        |          | _        |             | 117        |  |          |                |                 |          |                 |           |           |          |
|             | 18       | V  |  | ↓.      | 1_       | <u> </u> |          |                |           |           | 68       | Ш               |                |        | <u> </u> |                 | _        |          | ╛        |             | 118        |  |          |                |                 |          |                 |           |           |          |
|             | 19       | 1  |  | _       | _        |          |          | $\Box$         | _         |           | 69       |                 | $\perp$        | _ _    |          |                 |          | $\perp$  | ╛        |             | 119        |  |          |                |                 |          |                 |           |           |          |
|             | 20       | 1  |  |         | ┸        | _        |          |                | _         |           | 70       |                 |                |        |          |                 |          |          | _        |             | 120        |  |          |                |                 |          |                 |           |           |          |
|             | 21       | V  |  |         | $\bot$   | ╙        | Ш        |                | _         |           | 71       |                 |                |        |          |                 | _        |          | _        |             | 121        |  |          |                |                 |          |                 |           |           |          |
|             | 22       | V  |  |         | 1_       | <u> </u> |          | $\perp$        |           |           | 72       |                 |                |        |          |                 |          | _        | 4        |             | 122        |  |          |                |                 | $oxed{}$ |                 | Ш         | $\Box$    |          |
|             | 23       | 1  | $\sqcup$   | _       | 1        | _        |          | $\sqcup$       | _         |           | 73       |                 |                | _      | _        |                 |          |          | _        |             | 123        |  |          |                |                 |          |                 | $\sqcup$  | _         |          |
| <u> </u>    | 24       | 1  |  | +       | $\perp$  | _        |          |                | 4         |           | 74       |                 |                |        |          |                 |          |          | 4        |             | 124        | ļ  | _        |                |                 |          |                 |           | _         |          |
|             | 25       | 1  |  | +       | ╄        | <u> </u> | Ш        |                | 4         | <u></u>   | 75       | Ш               |                |        | <u> </u> |                 |          |          | 4        |             | 125        |  | Ш        |                |                 |          |                 |           |           |          |
| L           | 26       | Į į  |  | 4       | _        | _        |          | $\perp$        | 4         | <u> </u>  | 76       | $\sqcup$        | _              |        | ļ        |                 |          | _        | 4        |             | 126        | L  |          |                |                 |          |                 |           | _         |          |
|             | 27       | 1  |  | $\bot$  | ↓_       | -        | $\sqcup$ |                | _         |           | 77       |                 |                |        | _        |                 |          | l·       | 4        |             | 127        | ļ  |          |                |                 |          |                 |           | _         |          |
| <u> </u>    | 28       | 1  |  | -       | +-       | ↓_       |          |                | _         |           | 78       | $\sqcup$        | _              |        | _        | _               | _        | _        | 4        |             | 128        | <u> </u>   |          |                |                 |          |                 |           | _         |          |
|             | 29       | 1  | $\vdash$   | $\perp$ | +        | 1        | $\vdash$ |                | 4         |           | 79       |                 |                | _      | -        |                 |          |          | 4        |             | 129        | L  |          |                |                 | _        |                 | $\dashv$  | _         |          |
|             | 30       | 1  |  | $\bot$  | +        | ₩        | Н        | -              | _         |           | 80       |                 |                | $\bot$ | -        |                 |          |          | 4        |             | 130        |  |          |                | _               |          |                 | $\dashv$  | _         |          |
|             | 31       | 1  |  | +       | +-       | ├-       | $\vdash$ | -              | _         |           | 81       | $\vdash \vdash$ | _              |        | ┿        |                 |          | _        | 4        |             | 131        | <u> </u>   |          |                |                 |          | Щ               |           | _         | _        |
| <u> </u>    | 32       | 1  |  | +-      | ┿        | ┼        | $\vdash$ |                | 4         |           | 82       | $\vdash \vdash$ | -              |        |          | _               |          |          | 4        | ļ           | 132        | <u> </u>   | _        |                |                 |          |                 | $\dashv$  | _         | $\dashv$ |
| ⊢—          | 33       | 1  |  | +       | +-       | ├-       | $\vdash$ |                | 4         |           | 83       | $\vdash$        | -              |        | +        |                 |          | -        | 4        | <u> </u>    | 133        |  | _        | _              | $\vdash$        | Ш        |                 | -         | _         | 4        |
|             | 34<br>35 | 1  | $\vdash$   | +       | +        | -        | $\vdash$ | $\vdash\vdash$ |           |           | 84<br>85 | $\vdash$        | +              | +-     | +-       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | <del></del> | 134<br>135 | <del> </del>                                     | $\vdash$ | -              | $\vdash$        | Щ        |                 | _         | 4         | 4        |
|             | 36       | 1  | $\vdash$   | +       | ╁        | $\vdash$ | $\vdash$ |                | $\dashv$  |           | 86       | $\vdash$        | +              | +      | +        |                 |          |          | -        | $\vdash$    | 135        | <del> </del>                                     |          | $\vdash$       | $\vdash$        | $\vdash$ | $\vdash\vdash$  |           |           |          |
| <u> </u>    | 37       | 7  | <del>  -</del>                                   | +       | +        | $\vdash$ | $\vdash$ | -              | $\dashv$  | -         | 87       | ┝┯┼             |                | -      | +        | $\vdash$        |          |          | ┨        |             | 136        | <del> </del>                                     |          | $\vdash$       | $\vdash$        | Н        | $\vdash\vdash$  | $\dashv$  |           | 괵        |
| $\vdash$    | 38       | \<br>\<br>\                                      | $\vdash$   | +       | +        | ├        | $\vdash$ | -+             | $\dashv$  |           | 88       | $\vdash$        | +              | +      | ╫        | $\vdash$        | -        | -        | +        | <u> </u>    | 137        | $\vdash$   | $\vdash$ | Н              | Н               | Н        |                 |           | $\dashv$  | $\dashv$ |
|             | 39       | 1  |  | +       | +        | ┼        | $\vdash$ |                | $\dashv$  | $\vdash$  | 89       | $\vdash$        | -              | +      | $\vdash$ |                 |          |          | 4        | <u> </u>    | 138        | <del> </del>                                     | Н        | $\vdash\vdash$ | Н               | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$  | 4        |
| -           | 40       | 1  | $\vdash$   | +       | +        | $\vdash$ | $\vdash$ |                |           |           | 90       | $\vdash$        | +              | +      |          | $\vdash$        | $\dashv$ | +        | 4        |             | 140        | <del> </del>                                     |          |                | Н               |          | -               | $\dashv$  | $\dashv$  | $\dashv$ |
| $\vdash$    | 41       | 1  | $\vdash$   | +       | +        | +-       | $\vdash$ | $\dashv$       | $\dashv$  |           | 91       | $\vdash \vdash$ | +              | +-     | ╁        |                 |          | +        | +        | -           | 140<br>141 | <del> </del>                                     | H        | Н              | Н               | $\vdash$ |                 | $\dashv$  | $\dashv$  | $\dashv$ |
| <del></del> | 42       | ř  | ╂─┼─   | +-      | ╁╌       | $\vdash$ | $\vdash$ | +              | $\dashv$  | -         | 92       | ┝┯              | +              | +      | +        | $\vdash$        |          | -+       | $\dashv$ | <u> </u>    | 141        | ├—   | $\vdash$ | $\vdash$       | $\vdash$        | Н        |                 | $\dashv$  | $\dashv$  | $\dashv$ |
| <u> </u>    | 43       |  | <del>                                     </del> | +       | +        | +        | $\vdash$ | $\vdash$       | $\dashv$  | -         | 93       | $\vdash$        | +              | +      | +        | $\vdash$        | $\dashv$ | -        | ┨        | $\vdash$    | 143        |  | $\vdash$ | $\vdash$       | Н               | Н        | $\vdash \vdash$ |           | $\dashv$  | $\dashv$ |
| <b></b>     | 44       | <del>                                     </del> | $\vdash$   | +       | +        | +-       | $\vdash$ | -              | $\dashv$  |           | 94       | $\vdash$        | +              |        | +        |                 |          | -        | $\dashv$ | <del></del> | 144        | $\vdash$   | Н        | $\vdash$       | $\vdash$        |          | $\vdash$        | $\dashv$  |           | $\dashv$ |
|             | 45       | -  | -  | +-      | +        | ╁        | $\vdash$ | $\vdash$       | $\dashv$  |           | 95       | ┢╅              | +              | +      | $\vdash$ | $\vdash$        | $\dashv$ | +        | $\dashv$ |             | 145        | $\vdash$   | Н        | Н              | Н               | Н        | $\vdash$        | -+        | $\dashv$  | $\dashv$ |
|             | 46       | $\vdash$   | $\vdash$   | +       | +        | +        | H        | +              | $\dashv$  | <b>——</b> | 96       | $\vdash$        | +              | +      | -        | -               | -        | -        | ┨        | <u> </u>    | 146        |  | $\vdash$ |                | Н               |          | $\vdash$        | -         | $\dashv$  | $\dashv$ |
| -           | 47       | -  | <del>     </del>                                 | +       | +        | +-       | $\vdash$ |                | -         |           | 97       | $\vdash$        | +              | +      | +        | $\vdash$        |          | -        | ┨        |             | 147        |  | H        | $\vdash$       | Н               | -        | $\vdash$        | $\dashv$  | $\dashv$  | $\dashv$ |
|             | 48       | $\vdash$   | $\vdash$   | +       | +        | t        | Н        | <del></del>    | -         |           | 98       | $\vdash$        | +              | +-     | +        |                 |          | _        | ┨        |             | 148        | $\vdash$   | Н        | $\vdash$       | Н               | -        | $\vdash$        | $\dashv$  | $\dashv$  | 一        |
| <b>_</b>    | 49       | -  | - -  | +       | +-       | t        | $\vdash$ |                | $\exists$ |           | 99       | $\vdash$        | $\dashv$       | +      | -        | $\vdash$        | $\dashv$ | $\dashv$ | ┪        | <b> </b>    | 149        | Η-   | $\vdash$ | $\vdash$       | $\vdash \vdash$ | $\vdash$ | $\dashv$        | $\dashv$  | $\dashv$  | 一        |
|             | 50       |  | $\vdash$   | $\top$  | T        | t        | $\vdash$ |                | $\dashv$  |           | 100      | $\vdash$        | $\dashv$       | +      | 1        | $\vdash$        | 一        | $\dashv$ | 4        | <del></del> | 150        | <del>                                     </del> | $\vdash$ | Н              | $\vdash$        | $\vdash$ | $\dashv$        | +         | $\dashv$  | $\dashv$ |
| <del></del> |          | _  | <del></del>                                      |         | .1       |          |          |                |           | Ь         |          | L J             | I              |        | 1        | ш.              |          |          | _        |             |            |  | <u> </u> | L              | ш               | ш        |                 | 1         |           |          |